BEST AVAILABLE COPY

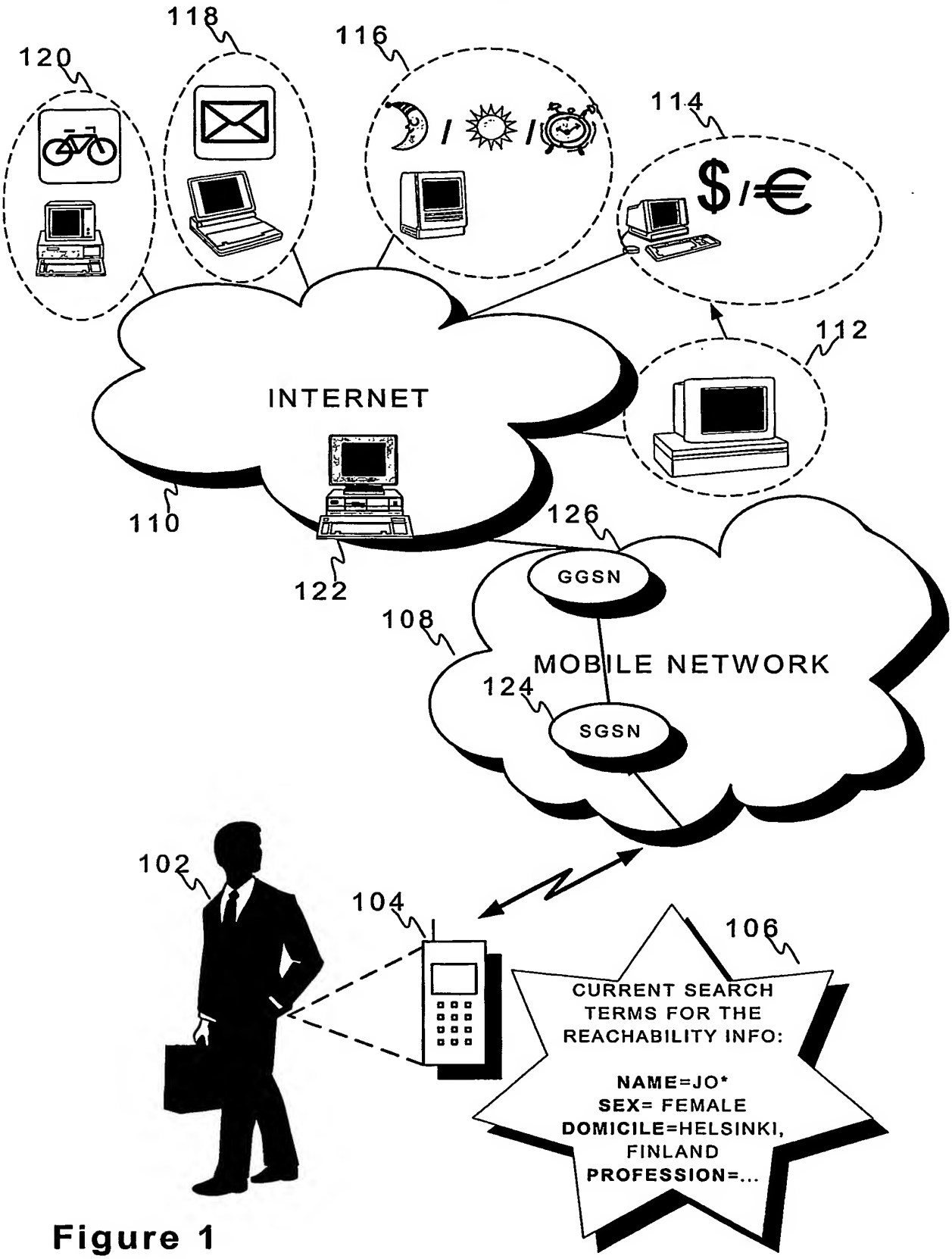

Figure 1

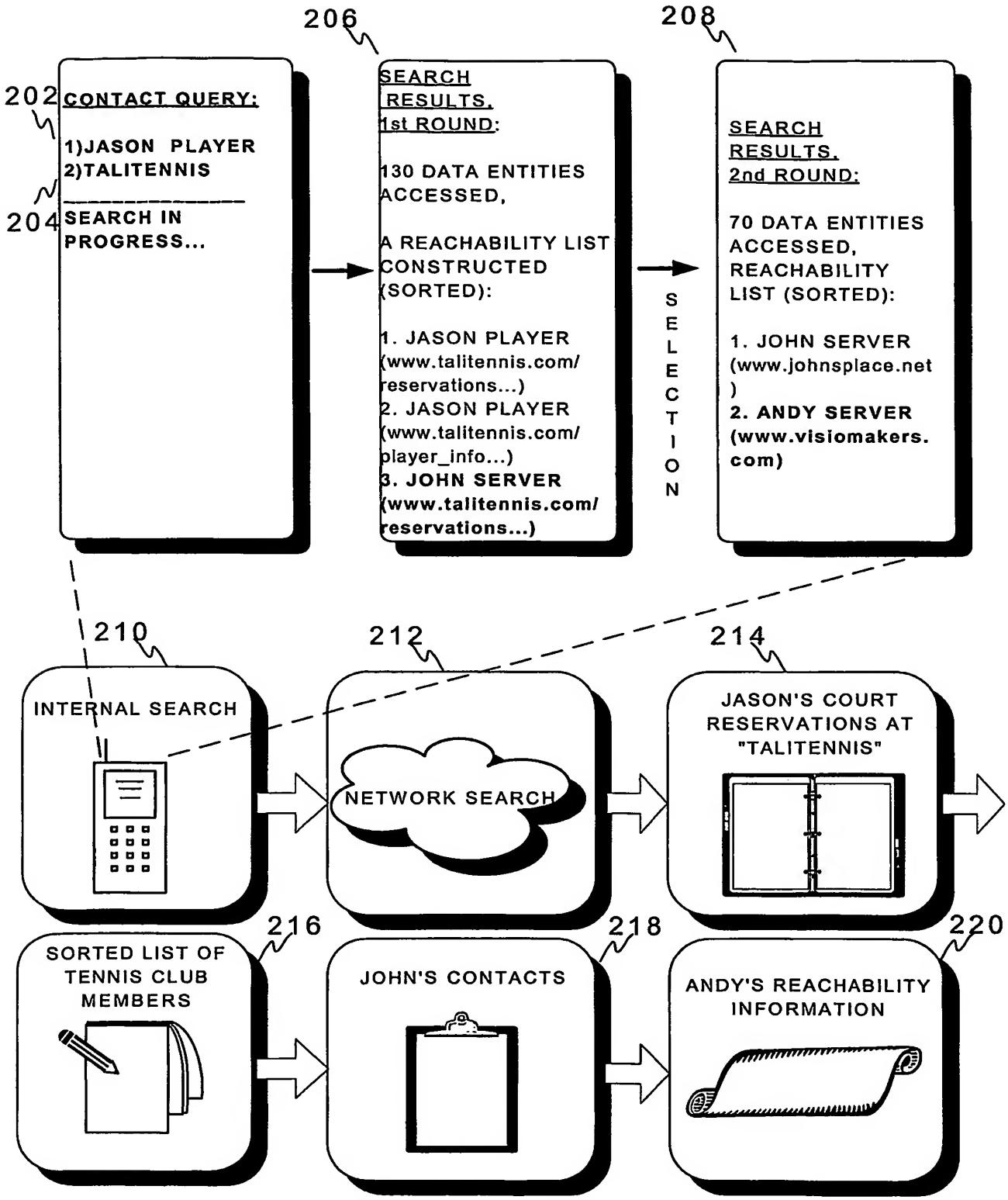
206
208
202
CONTACT QUERY:
1)JASON PLAYER
2)TALITENNIS
204
SEARCH IN PROGRESS...
SEARCH RESULTS, 1st ROUND:
130 DATA ENTITIES ACCESSED,
A REACHABILITY LIST CONSTRUCTED (SORTED):
1. JASON PLAYER (www.talitennis.com/reservations...)
2. JASON PLAYER (www.talitennis.com/player_info...)
3. JOHN SERVER (www.talitennis.com/reservations...)
SELECTION
SEARCH RESULTS, 2nd ROUND:
70 DATA ENTITIES ACCESSED, REACHABILITY LIST (SORTED):
1. JOHN SERVER (www.johnsplace.net)
2. ANDY SERVER (www.visiomakers.com)
210
212
214
INTERNAL SEARCH
NETWORK SEARCH
JASON'S COURT RESERVATIONS AT "TALITENNIS"
216
218
220
SORTED LIST OF TENNIS CLUB MEMBERS
JOHN'S CONTACTS
ANDY'S REACHABILITY INFORMATION

Figure 2

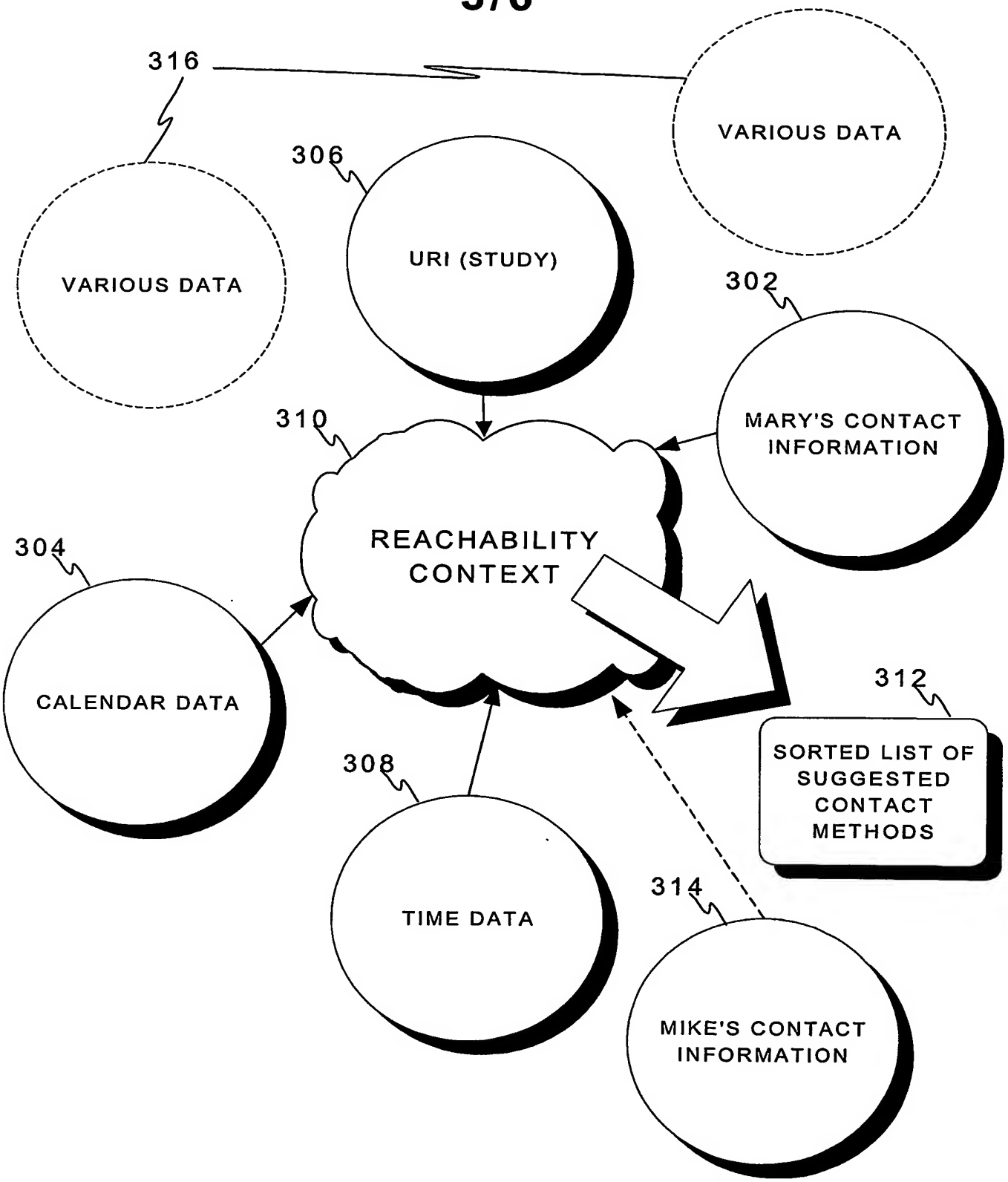
316
VARIOUS DATA
306
URI (STUDY)
VARIOUS DATA
302
MARY'S CONTACT INFORMATION
310
REACHABILITY CONTEXT
304
CALENDAR DATA
312
SORTED LIST OF SUGGESTED CONTACT METHODS
308
TIME DATA
314
MIKE'S CONTACT INFORMATION

Figure 3

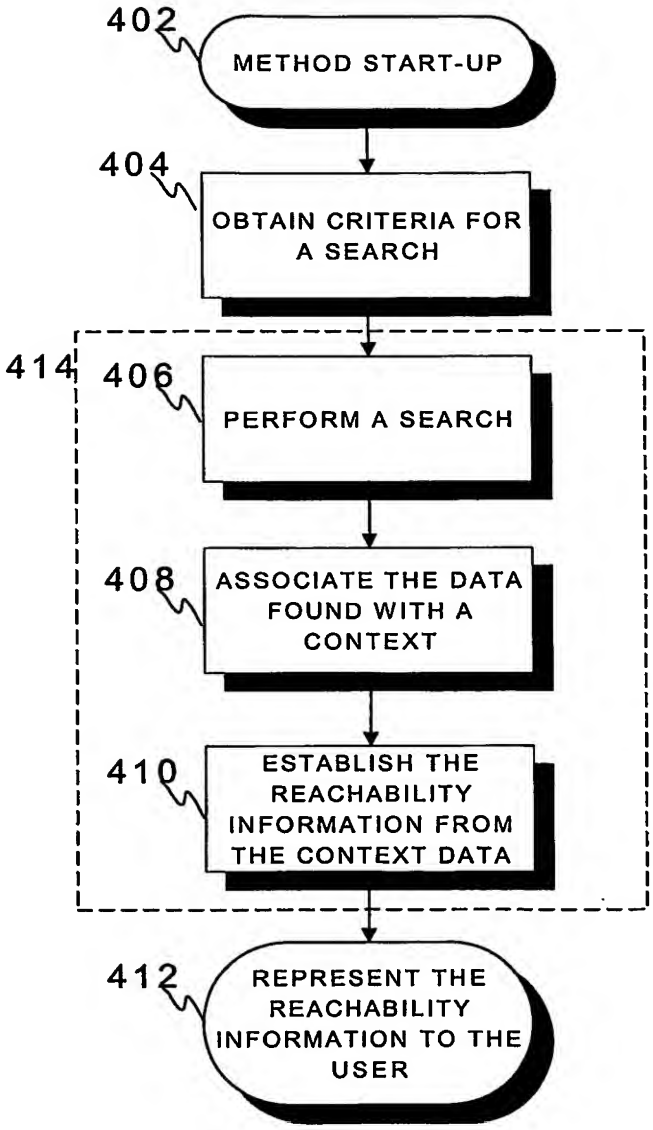
402
METHOD START-UP
404
OBTAIN CRITERIA FOR A SEARCH
414
406
PERFORM A SEARCH
408
ASSOCIATE THE DATA FOUND WITH A CONTEXT
410
ESTABLISH THE REACHABILITY INFORMATION FROM THE CONTEXT DATA
412
REPRESENT THE REACHABILITY INFORMATION TO THE USER

Figure 4

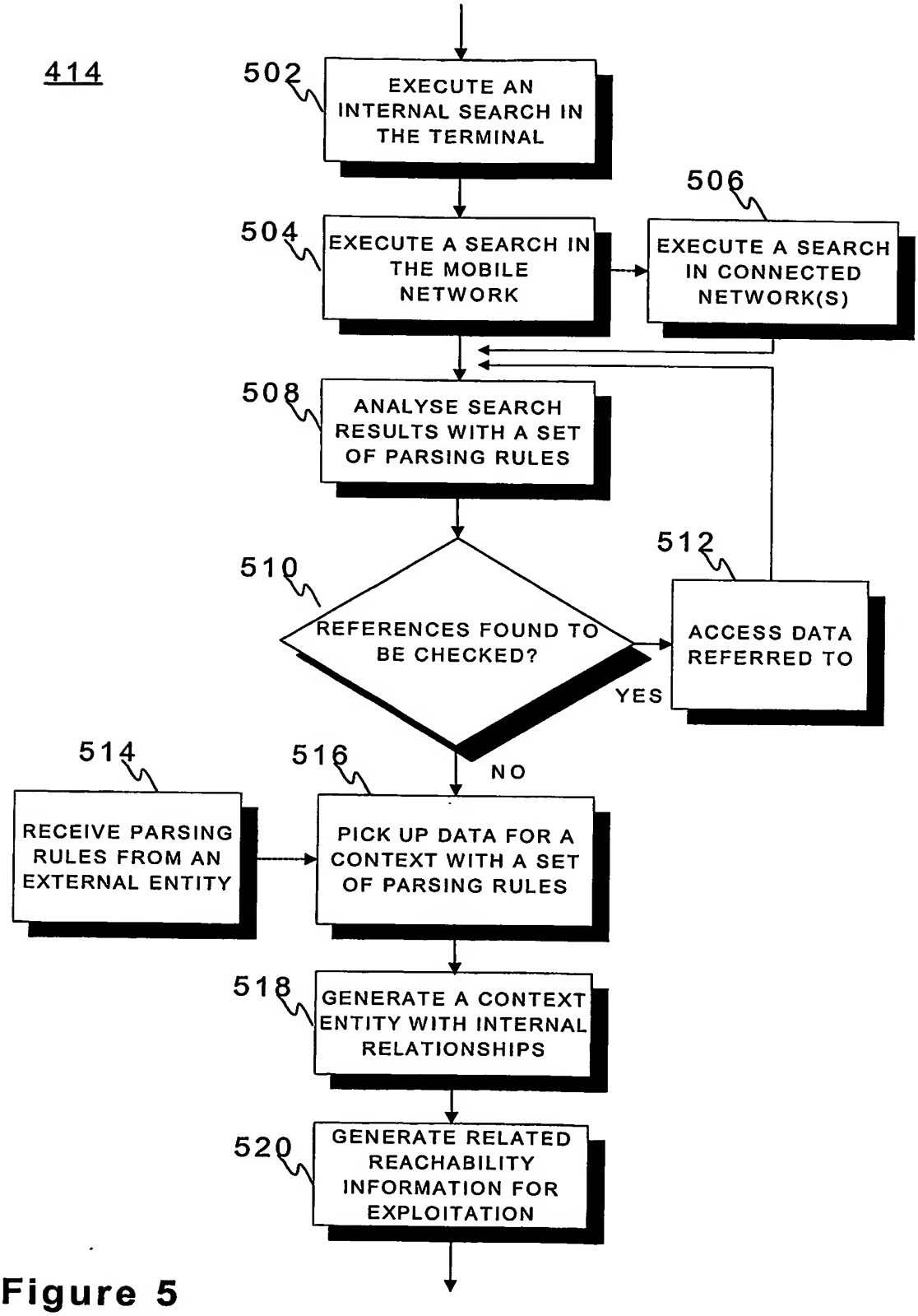
414
502
EXECUTE AN INTERNAL SEARCH IN THE TERMINAL
504
EXECUTE A SEARCH IN THE MOBILE NETWORK
506
EXECUTE A SEARCH IN CONNECTED NETWORK(S)
508
ANALYSE SEARCH RESULTS WITH A SET OF PARSING RULES
510
REFERENCES FOUND TO BE CHECKED?
YES
512
ACCESS DATA REFERRED TO
NO
514
RECEIVE PARSING RULES FROM AN EXTERNAL ENTITY
516
PICK UP DATA FOR A CONTEXT WITH A SET OF PARSING RULES
518
GENERATE A CONTEXT ENTITY WITH INTERNAL RELATIONSHIPS
520
GENERATE RELATED REACHABILITY INFORMATION FOR EXPLOITATION

Figure 5

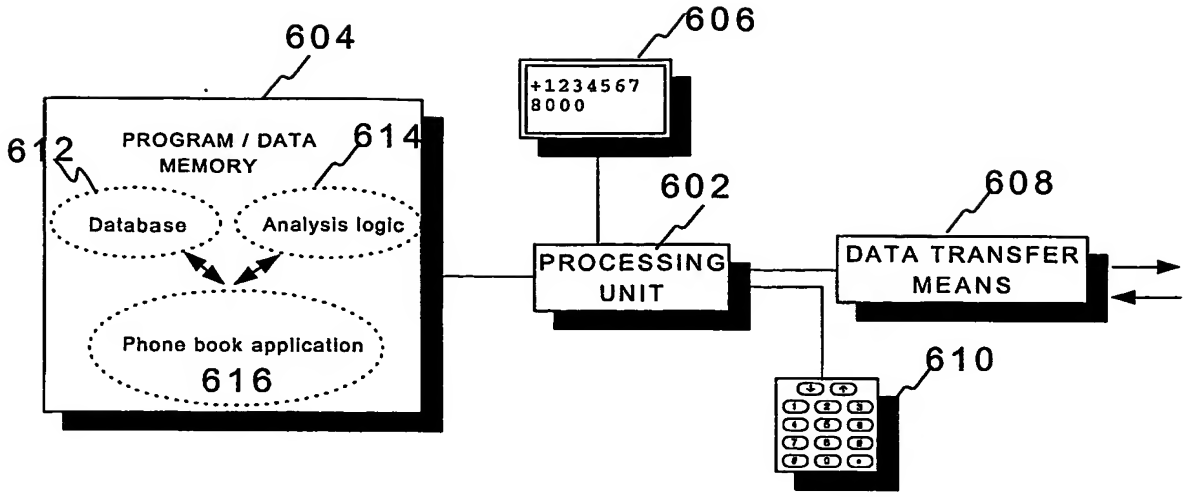
604
606
+1234567
8000
612
PROGRAM / DATA
MEMORY
614
Database
Analysis logic
602
608
PROCESSING
UNIT
DATA TRANSFER
MEANS
Phone book application
616
610

Figure 6